



WILBUR CURTIS COMPANY, INC.

Service Manual – SLG Grinder

IMPORTANT SAFEGUARDS & SYMBOLS

This appliance is designed for commercial use. Any servicing other than cleaning and maintenance should be performed by an authorized Wilbur Curtis service center.

- Do NOT immerse the unit in water or any other liquid
- To reduce the risk of fire or electric shock, do NOT open top panel. No user serviceable parts inside. Repair should be done only by authorized service personnel.
- Keep hands and other items away from hot parts of unit during operation.
- Never clean with scouring powders or harsh implements.

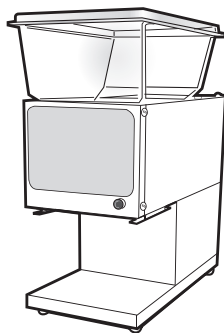
SYMBOLS



WARNINGS – To help avoid personal injury



Important Notes/Cautions – from the factory



Models Included

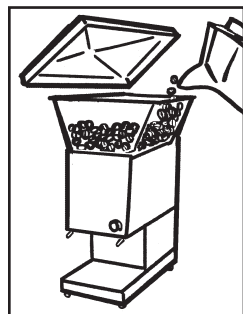
- SLG



CAUTION: Please use this setup procedure before attempting to use this grinder. Failure to follow the instructions can result in injury or the voiding of the warranty.

QUICK START & SETUP

1. Install the grinder on a firm, level counter top in a location where it can be connected to a grounded electrical outlet of 120VAC, rated at 15 amps.
2. Test the unit by running some whole bean coffee through the grinder. If any problems are encountered, refer to the troubleshooting section complete at www.wilburcurtis.com or call Technical Support at 800-995-0417.



OPERATING INSTRUCTIONS - SLG

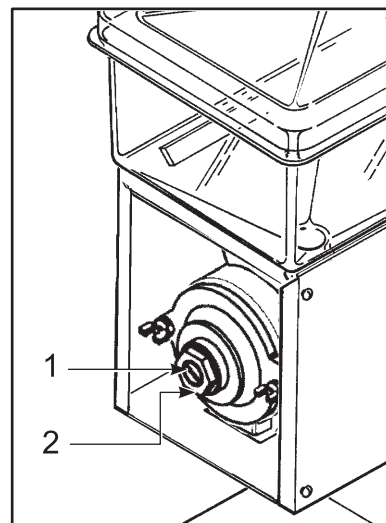
The SLG grinder is adjusted at the factory to grind 2 to 2.5 ounces of medium roast coffee.

1. Lift off the clear hopper lid and fill the hopper with whole coffee beans.
2. Place a new filter into your brew cone. Slide the brew cone into the brew cone rails on the grinder.
3. Push the START switch on the front panel. The SLG will start to grind coffee into the brew cone.
4. Wait for the grinder motor to stop before removing the brew cone.

ADJUSTING THE GRINDS

This adjustment may change the volume of ground coffee output. See Setting the Timer on page 2.

1. Empty the coffee beans from the hopper. Run grinder to clear grinding burrs of coffee.
2. Open housing cover to locate adjusting screw (1) and lock nut (2). Loosen lock nut.
3. Run motor during the adjustment. Turning adjusting screw clockwise will result in a finer grind. If you hear the grinding burrs starting to touch, immediately, back off 1/8th turn. Turning counter clockwise will produce a coarser grind.
4. With a screwdriver holding the adjustment screw in place, tighten the locknut.
5. Grind some coffee beans to confirm the adjustment.
6. Replace front cover on machine.

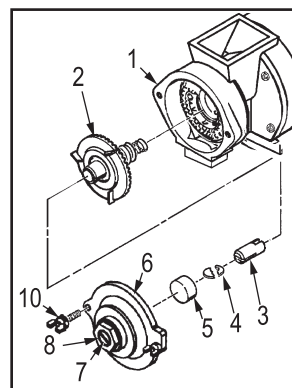


ISO 9001:2008 REGISTERED

WILBUR CURTIS CO., INC.
6913 West Acco Street
Montebello, CA 90640-5403
For the latest information go to
www.wilburcurtis.com
Tel: 800-421-6150
Fax: 323-837-2410

CHANGING A BROKEN SHEAR DISK

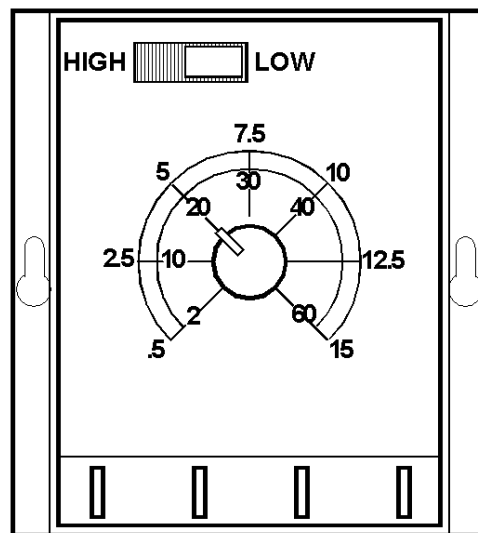
1. Unplug the power cord.
2. Open the hopper and remove any coffee beans, then open the front cover.
3. On the grind motor assembly, take out the two thumb screws (10) and remove the housing cover (6).
4. Pull out the grinding burr/feed worm assembly (2). The inner half of grinding burrs will remain within the housing.
5. Separate the shear cap (5) and shear drive (3). The broken shear disk (4) should fall out from the slot on the drive.
6. Inspect and clean the housing (1) of any coffee or debris. Especially, look for something that could have caused the shear disk to break.
7. Re-insert the feed worm and grinding burr on the motor shaft.
8. Push the shear drive through the burr/feed worm assembly and align the large slot with tongue on motor shaft.
9. Rotate the burr/feed worm assembly to align the slot with the narrow slot on shear drive.
10. Slip a new shear disk into the slot. Cover with the shear cap. Replace the grind cap and thumb screws.
11. Return power to the unit.



SETTING TIMER

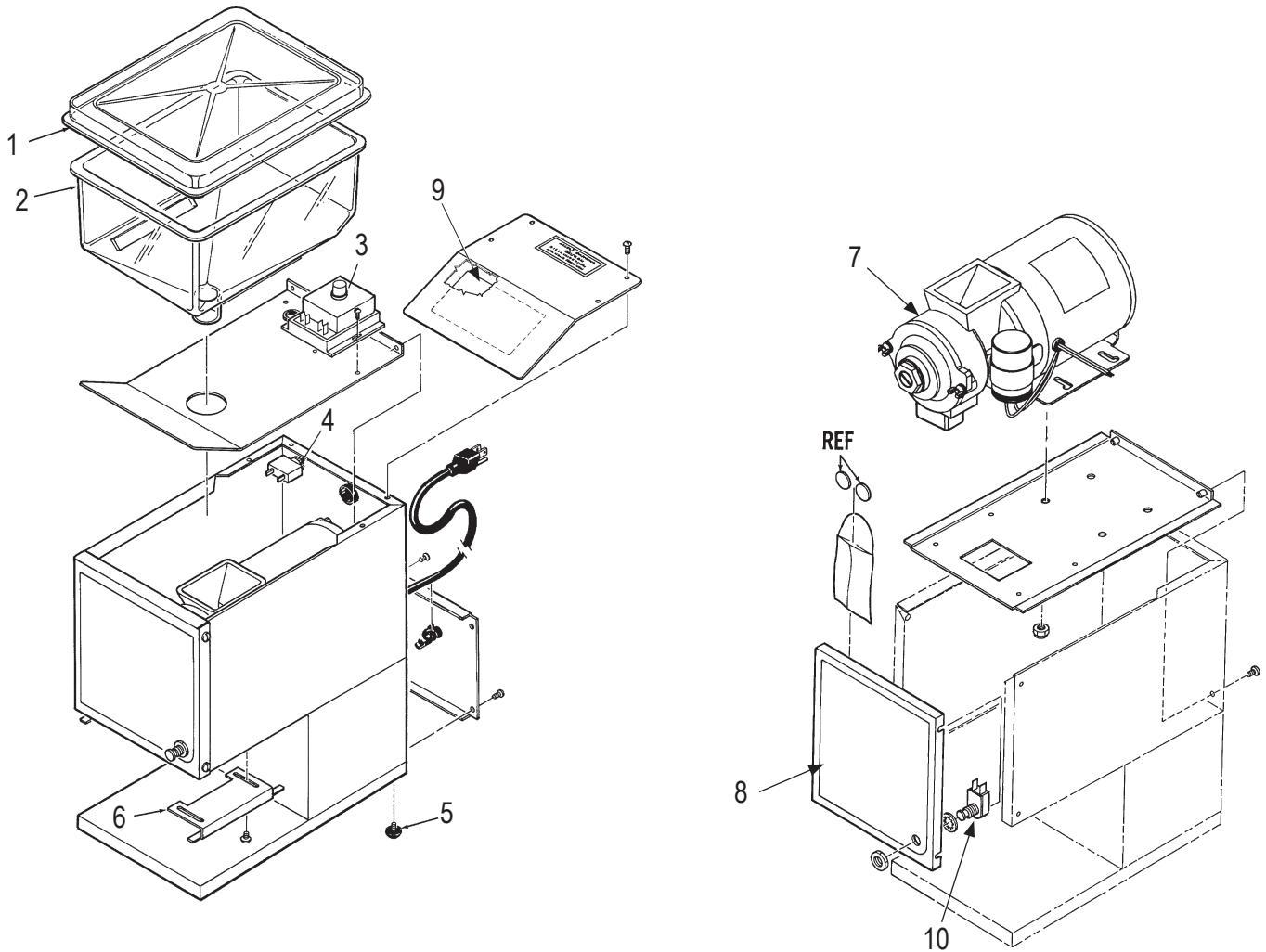
1. Take off timer cover, located behind hopper. Remove the four screws holding the cover in place. The timer is found inside this cover. Also refer to the illustrated parts diagram on page 3.
2. The timer controls are a high/low switch and a dial with a corresponding scale. The switch allows you to select a scale on the dial. The outside scale range is 1/2 second through 15 seconds. The inside scale range is 2 seconds to 60 seconds.
3. Test a new adjustment by grinding some coffee. When the results are satisfactory, install timer cover.

Seconds	Ounces	Seconds	Ounces
4	1.0	15	3.8
5	1.3	20	5.0
6	1.5	25	6.3
7	1.8	29	7.5
8	2.0	34	8.8
10	2.5	39	10.0
12	3.0	43	11.3



NOTE: Use these time settings as a general guide. Actual amounts will vary with the grinding burr setting and the specific coffee variety you use. After changing the timer, weigh your output, then make adjustments if necessary.

ILLUSTRATED PARTS

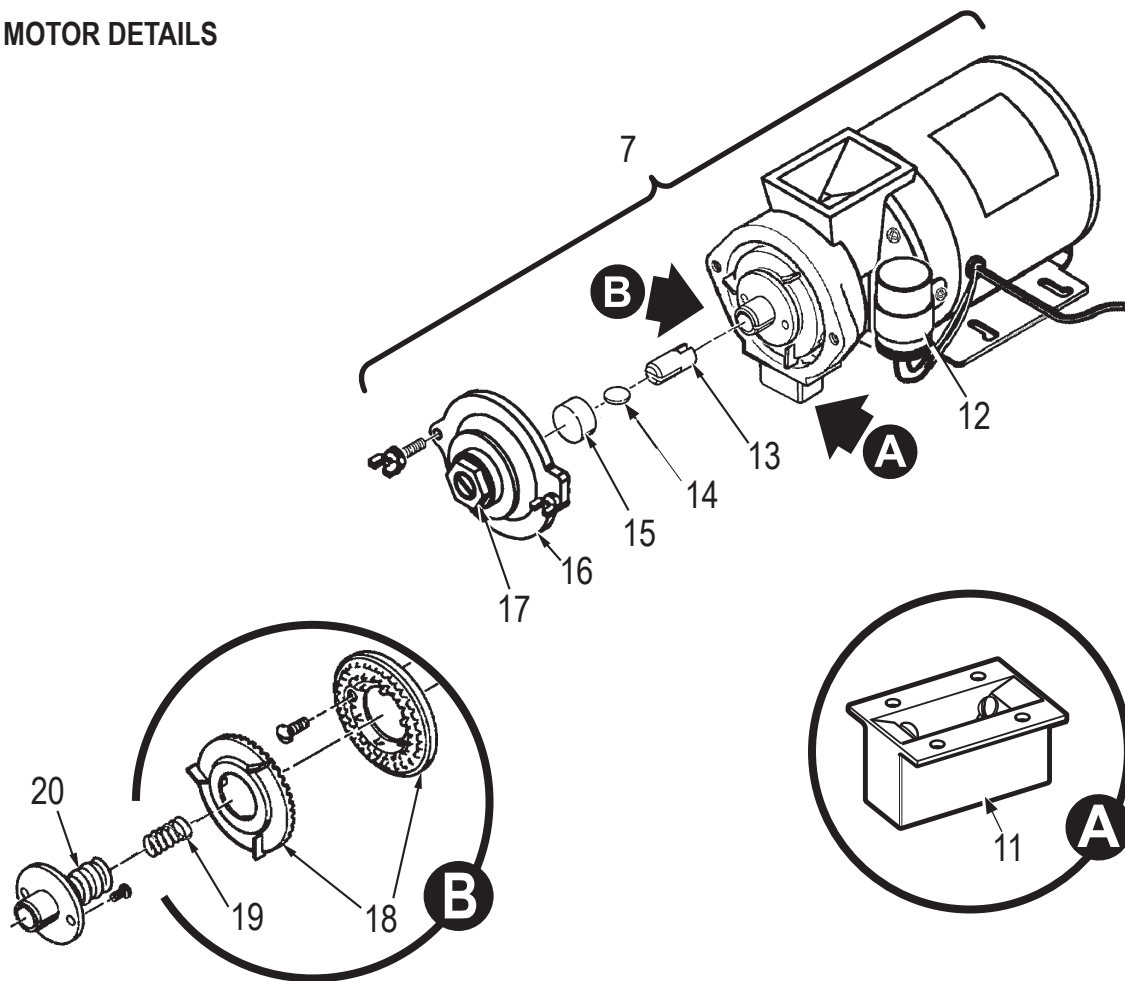


INDEX №	PART №	DESCRIPTION
1	WC-9178	HOPPER COVER, CLEAR PLASTIC
2	WC-9169	HOPPER
3	WC-628*	TIMER
4	WC-1504	CIRCUIT BREAKER
5	WC-3502*	FOOT, RUBBER WITH 8-32 STUD
6	WC-6550	RAILS, BREW CONE
7	WC-9135*	MOTOR, SLICING GRINDER ASSY 120V
8	WC-38027	LABEL, FRONT COVER SLG
9	WC-38339	LABEL, TIMER SLG
10	WC-101*	SWITCH, START

* Recommended Parts to Stock

ILLUSTRATED PARTS LIST

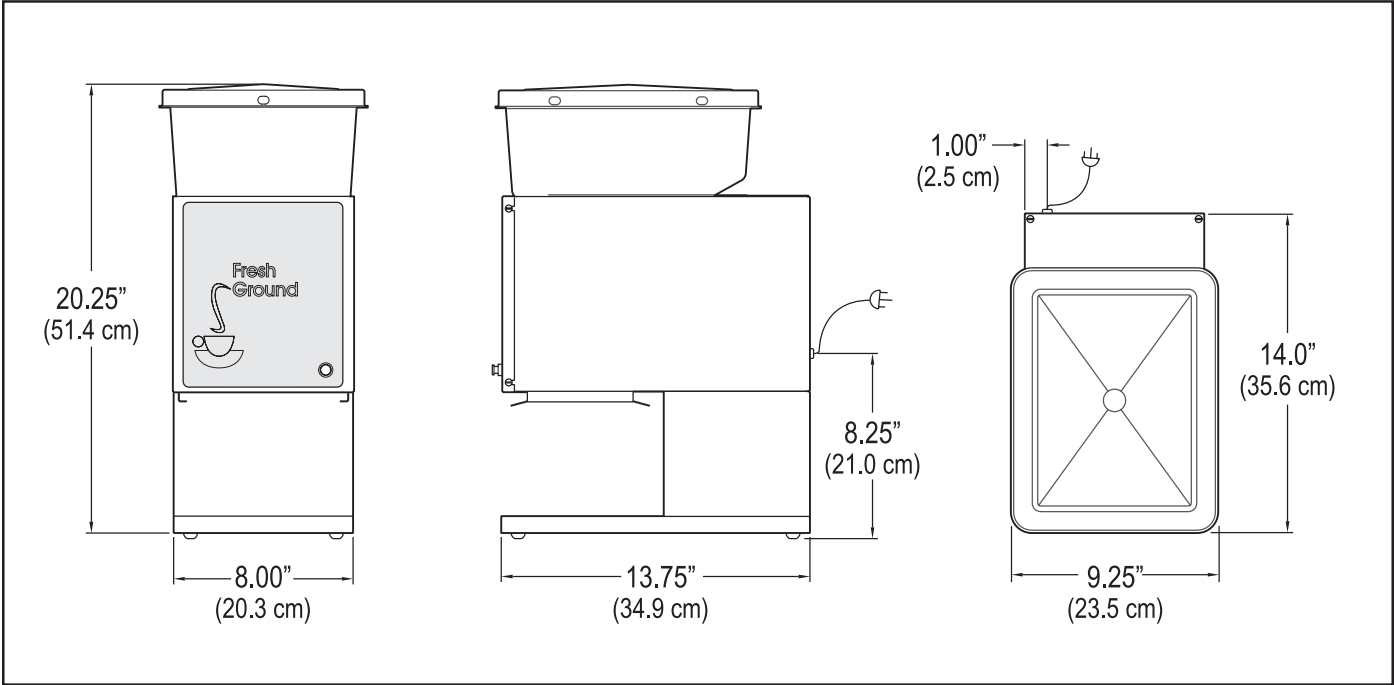
GRINDER MOTOR DETAILS



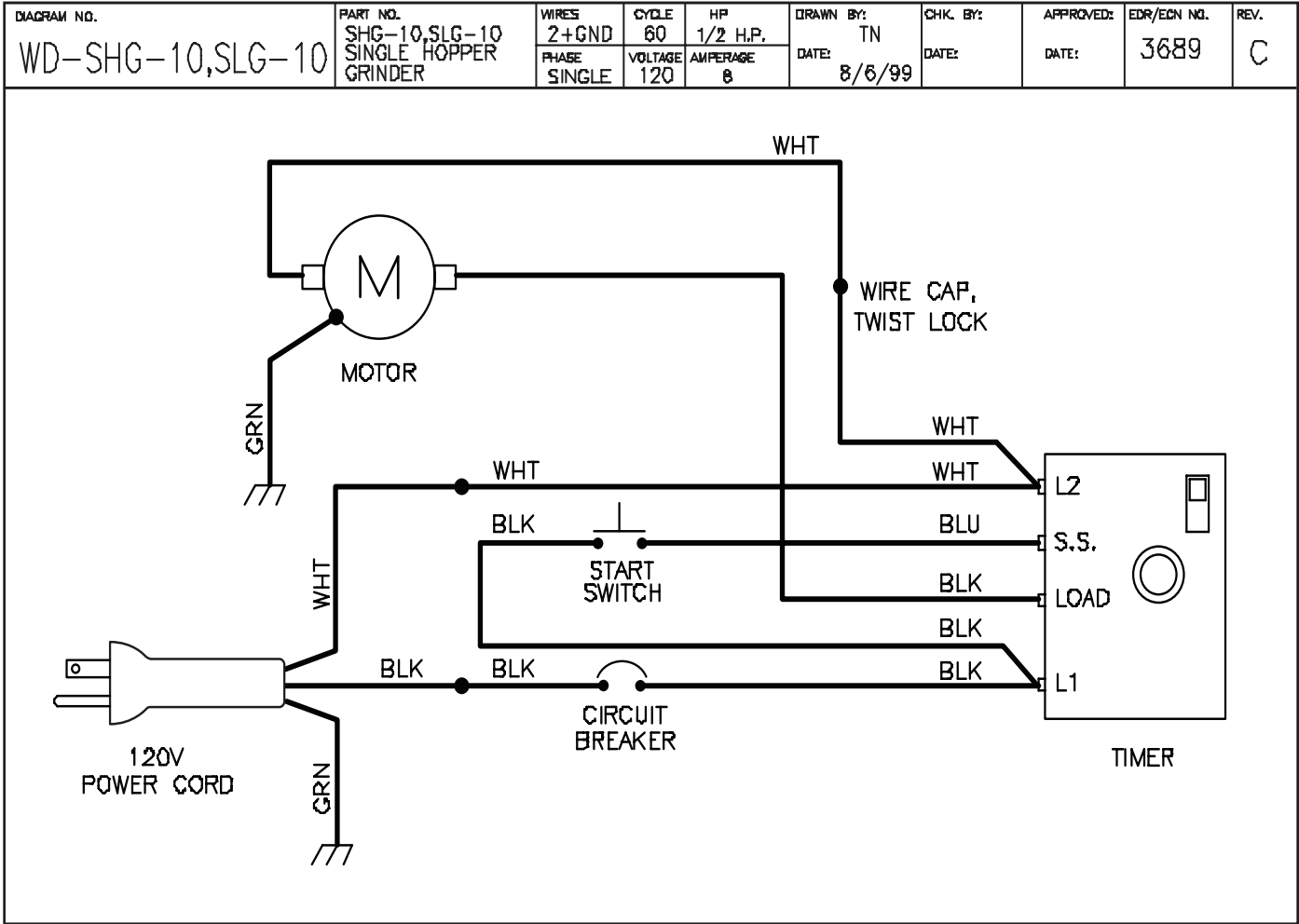
INDEX №	PART №	DESCRIPTION
11	WC-37283*	KIT, GRINDER CHUTE DHG/ILGD/SHG
12	WC-91026	CAPACITOR, COFFEE GRINDER ASSY
13	WC-91024	SHEAR DRIVE COFFEE GRINDER
14	WC-9107-6*	SHEAR DISK, 6 PCS
15	WC-91016	CAP, SHEAR DISK GRINDERS
16	WC-91017	COVER, GRINDER HOUSING W/LABEL
17	WC-91015	SCREW & THRUST PIN ADJUSTING ASSEMBLY
18	WC-91050	BURR, COMPLETE SET SLICING
19	WC-91021	SPRING, TENSION COFFEE GRINDER
20	WC-91051	FEEDWORM, SLICING GSG

* Recommended Parts to Stock

ROUGH-IN DRAWING



ELECTRICAL SCHEMATIC



Product Warranty Information

The Wilbur Curtis Company certifies that its products are free from defects in material and workmanship under normal use. The following limited warranties and conditions apply:

- 3 Years, Parts and Labor, from Original Date of Purchase on digital control boards.
- 2 Years, Parts, from Original Date of Purchase on all other electrical components, fittings and tubing.
- 1 Year, Labor, from Original Date of Purchase on all electrical components, fittings and tubing.

Additionally, the Wilbur Curtis Company warrants its Grinding Burrs for Forty (40) months from date of purchase or 40,000 pounds of coffee, whichever comes first. Stainless Steel components are warranted for two (2) years from date of purchase against leaking or pitting and replacement parts are warranted for ninety (90) days from date of purchase or for the remainder of the limited warranty period of the equipment in which the component is installed.

All in-warranty service calls must have prior authorization. For Authorization, call the Technical Support Department at 1-800-995-0417. Effective date of this policy is April 1, 2003.

Additional conditions may apply. Go to www.wilburcurtis.com to view the full product warranty information.

CONDITIONS & EXCEPTIONS

The warranty covers original equipment at time of purchase only. The Wilbur Curtis Company, Inc., assumes no responsibility for substitute replacement parts installed on Curtis equipment that have not been purchased from the Wilbur Curtis Company, Inc. The Wilbur Curtis Company will not accept any responsibility if the following conditions are not met. The warranty does not cover and is void under the following circumstances:

- 1) **Improper operation of equipment:** *The equipment must be used for its designed and intended purpose and function.*
- 2) **Improper installation of equipment:** *This equipment must be installed by a professional technician and must comply with all local electrical, mechanical and plumbing codes.*
- 3) **Improper voltage:** *Equipment must be installed at the voltage stated on the serial plate supplied with this equipment.*
- 4) **Improper water supply:** *This includes, but is not limited to, excessive or low water pressure, and inadequate or fluctuating water flow rate.*
- 5) **Adjustments and cleaning:** *The resetting of safety thermostats and circuit breakers, programming and temperature adjustments are the responsibility of the equipment owner. The owner is responsible for proper cleaning and regular maintenance of this equipment.*
- 6) **Damaged in transit:** *Equipment damaged in transit is the responsibility of the freight company and a claim should be made with the carrier.*
- 7) **Abuse or neglect (including failure to periodically clean or remove lime accumulations):** *Manufacturer is not responsible for variation in equipment operation due to excessive lime or local water conditions. The equipment must be maintained according to the manufacturer's recommendations.*
- 8) **Replacement of items subject to normal use and wear:** *This shall include, but is not limited to, light bulbs, shear disks, "O" rings, gaskets, silicone tube, canister assemblies, whipper chambers and plates, mixing bowls, agitation assemblies and whipper propellers.*
- 9) **Repairs and/or Replacements** *are subject to our decision that the workmanship or parts were faulty and the defects showed up under normal use. All labor shall be performed during regular working hours. Overtime charges are the responsibility of the owner. Charges incurred by delays, waiting time, or operating restrictions that hinder the service technician's ability to perform service is the responsibility of the owner of the equipment. This includes institutional and correctional facilities. The Wilbur Curtis Company will allow up to 100 miles, round trip, per in-warranty service call.*

RETURN MERCHANDISE AUTHORIZATION: *All claims under this warranty must be submitted to the Wilbur Curtis Company Technical Support Department prior to performing any repair work or return of this equipment to the factory. All returned equipment must be repackaged properly in the original carton. No units will be accepted if they are damaged in transit due to improper packaging. **NO UNITS OR PARTS WILL BE ACCEPTED WITHOUT A RETURN MERCHANDISE AUTHORIZATION (RMA). RMA NUMBER MUST BE MARKED ON THE CARTON OR SHIPPING LABEL.** All in-warranty service calls must be performed by an authorized service agent. Call the Wilbur Curtis Technical Support Department to find an agent near you.*

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WILBUR CURTIS CO., INC.

6913 Acco St., Montebello, CA 90640-5403 USA

Phone: 800/421-6150 Fax: 323-837-2410

Technical Support Phone: 800/995-0417 (M-F 5:30A - 4:00P PST)

Web Site: www.wilburcurtis.com

E-Mail: techsupport@wilburcurtis.com

FOR THE LATEST SPECIFICATION INFORMATION GO TO WWW.WILBURCURTIS.COM

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